

NEW



**Best Available Copy**

Protein	Motif VIII	MW	Target	Swissprot Accession Number
AccI (N6)	209 eenVddal	540 aa	GTGAC	P25201
BanIII	220 dtkVpsaav	580 aa	ATCGAT	P22772
BsuBI	223 rdkakdkde	501 aa	CTGCAG	P33563
CviBIII	194 dkhdpcdn	377 aa	TCGA	P10835
Eco57I	202 keiVbedtl	540 aa	CTGAAG	P25240
HincII	177 eskVghvvs	502 aa	GTYAC	P17744
PaeR7I	203 dtpaahsdv	531 aa	GTCGAC	P05103
PstI	232 rkasakasd	507 aa	CTGCAG	P00474
TaqI	192 lgeVtpqkk	421 aa	TCGA	P14385
TthHB8I	190 lgeVtpgrk	428 aa	TCGA	P25749
VspI	333 sqrvleknp	408 aa	ATTAAT	Q03055
EcoRI	228 nldVfirhk	325 aa	GAATTC	P00472
COMtase		221 aa	catechol	P22734
HhaI (C5)	161 QkReriyml	327 aa	GCGC	P05102

NEW

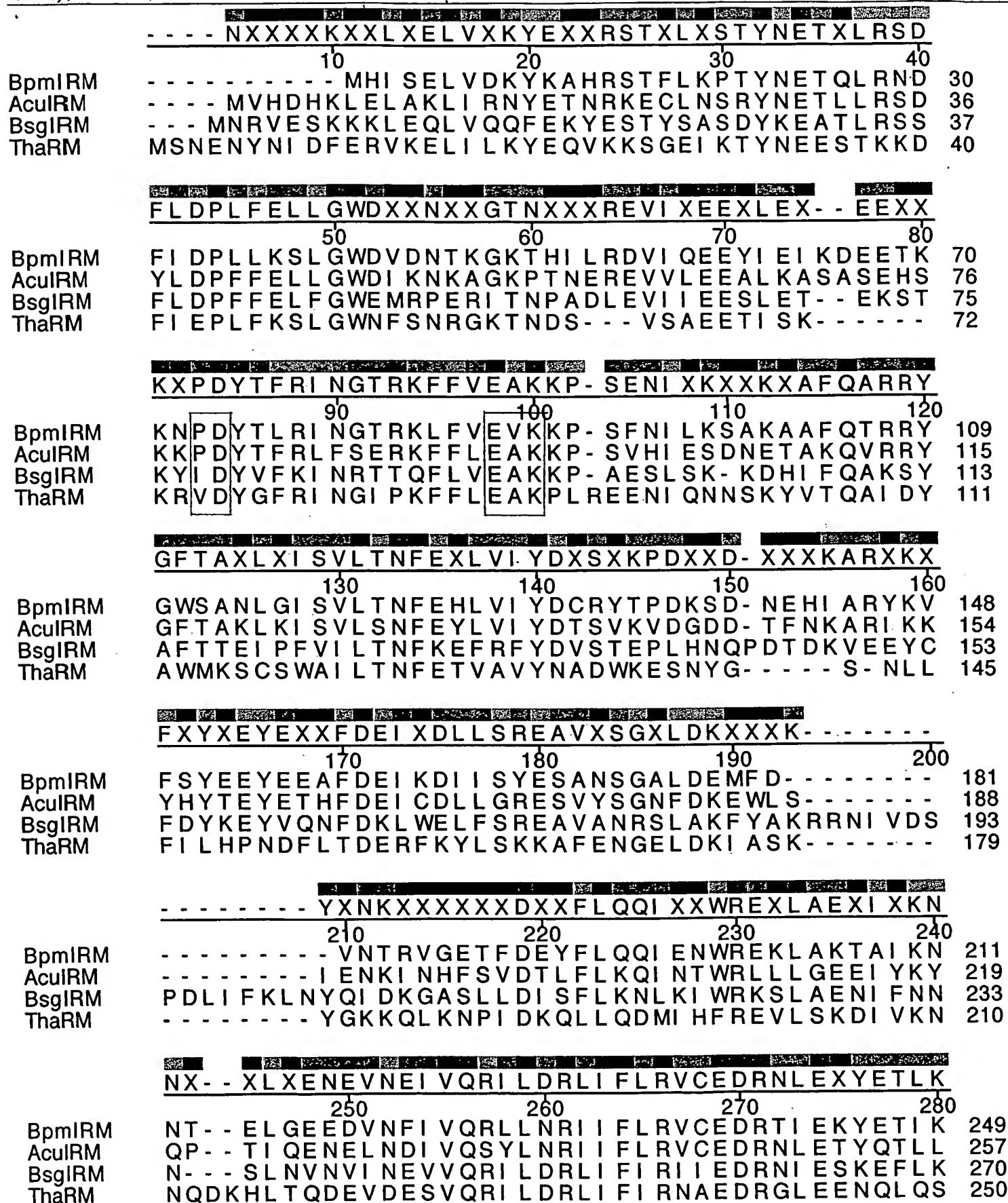
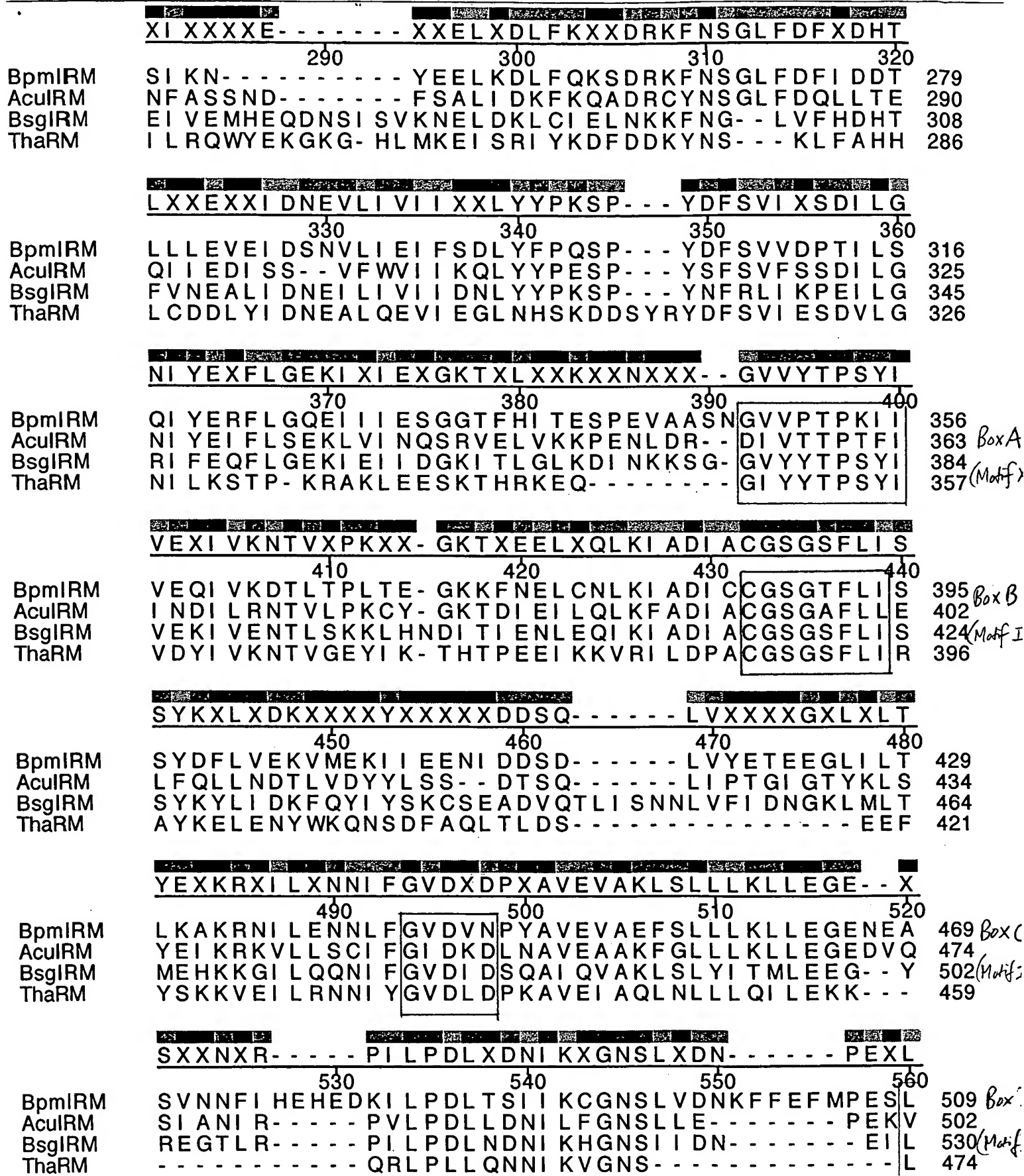


Figure 10-1

NEW



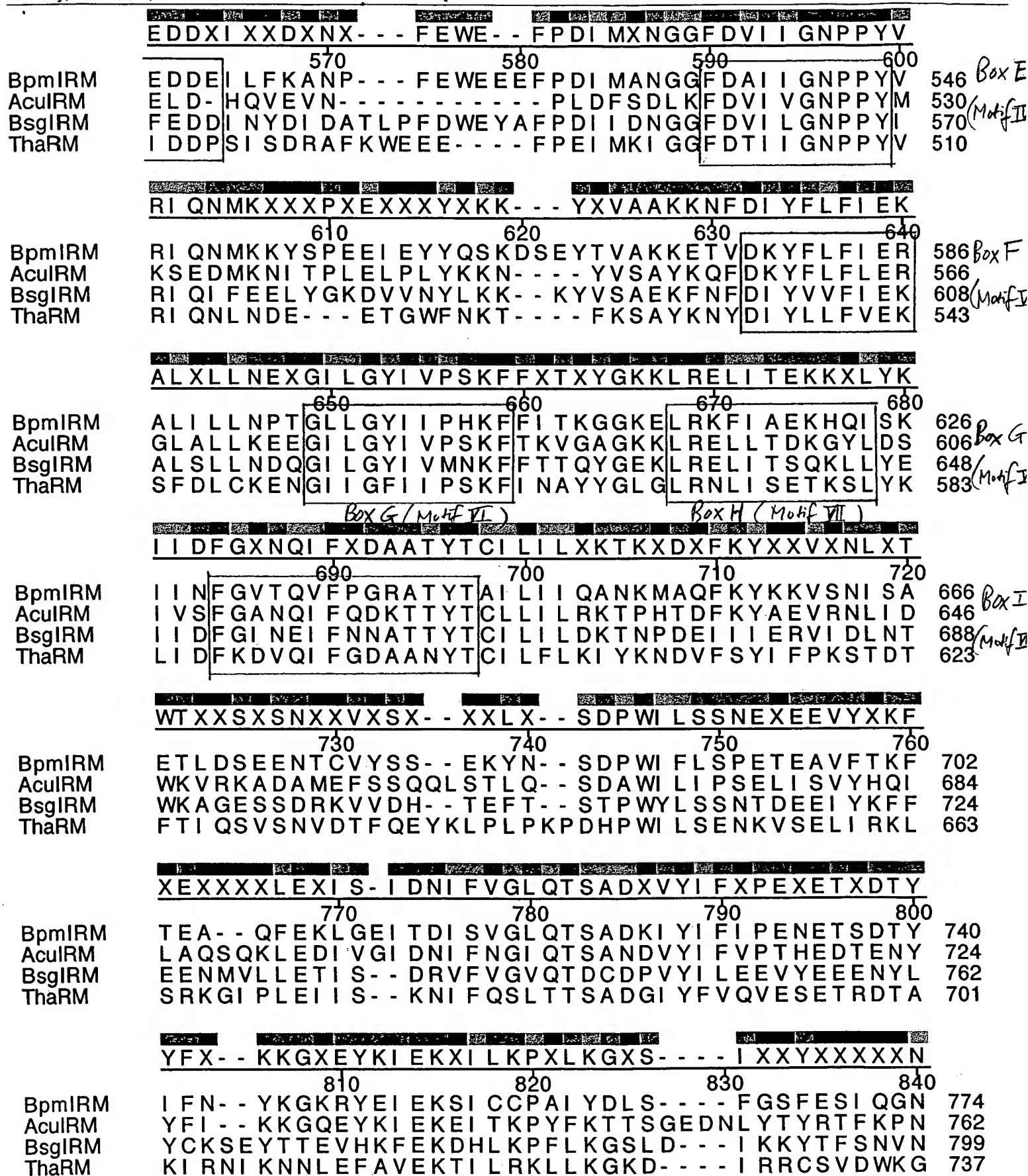


Figure 10-3

	AXVI FPYTXDXAXLI PLXTI KXXFPLAYKYLXSXKEXL	
	850 860 870 880	
BpmIRM	AQMI FPYEI RDEEAYLLEEETLENDYPLAWNYLNEFKEAL	814
AcuiRM	ARVI YPYTQTESSVELI PLDEI REI FPLAYKYLMSLK FVL	802
BsgIRM	KWLLFPYTNSENTSDLI PETTYKQYFPETWKYLESCKERL	839
ThaRM	SYVVYPYL VKDDKASLI TLSEI KDRYPLAYEYFKHYELQL	777
	XX- KRSI XXR- - - - XNEWHQYGRXQSLXKFV- QXKI VX	
	890 900 910 920	
BpmIRM	E- - KRS LQGR- - - - NPKWYQYGRSQSLSKFHDKEKLI W	846
AcuiRM	SSPKRDI KPRPKT- - - TNEWHRYGRHQSLDNCGLSQKI I V	839
BsgIRM	AK- R KSI EREL DI NP NYNEWYKYI YKKNHTRMD- QLKI VF	877
ThaRM	KTREDNKL KD- - - - DENWHQYI YRKNLEKFE- QKKI VT	810
	XVLAXGXXFAI DXNG- - - FLFSGGGNGGGGXXI VLPDQSDY	
	930 940 950 960	
BpmIRM	TVLATKPPYVLD RNN- - - LLFTGGGNG- - PYYGLI NQSI Y	881
AcuiRM	GVL SVGD KYAI DTYG- - - TLI SSGGTAGYCVVALPDDCKY	876
BsgIRM	PAI SKGSSFCYDS DGEY YFVGSGAGGGGGGAI VLPDQSDY	917
ThaRM	QVLASKNTFAI DLNG- - - EFYFVGGDNAGGYGI VLNDNNQN	848
	SYYYLLGI LNSXVLEXXXKXRG SXFRGGYYSXGKKFI ENL	
	970 980 990 1000	
BpmIRM	SLHYFLGI LSHPVI ESMVKARASEFRGSYYSHGKQFI EKI	921
AcuiRM	SIYYLQAI LNSKYLEWFSALHGEVFRGGYI ARGTKVLKNL	916
BsgIRM	NYLSLLGI LNSEVVSYQI VRRGSKHKGSYYGVDKKRI ENL	957
ThaRM	MYYFVLALLNSNVLE FYL KNI STPFRGGYFSYGKRFI DKL	888
	PI RKI DFDNX- E- NLFDXVSTXVKELI XI XDKI XXXXNTD	
	1010 1020 1030 1040	
BpmIRM	PI RKI DFDDQDEVDKYNTVVT TVEKLI I TTDRI KSESNGP	961
AcuiRM	PI RKI DFDNLEEANL HDLI ATKQKELI EI YDKI DVNVNNK	956
BsgIRM	YVPLI NEDNK- - - NLFSNI SKMVAQI LDAFQKMHQAGTTD	994
ThaRM	PLLI PKD- - - - - SRFDSVSSLSKEQMNI SKKMRNFPNTD	922
	RRX- XLQRRXDXLXXXLNQLI YELYNLXVEEXTXXXNLX	
	1050 1060 1070 1080	
BpmIRM	RRR- MLRRRLDALSNQLI QVI NELYNI SDEEYTTVLNDEM	1000
AcuiRM	RVL TPLQRMFKREKEVLDQLLSRLYNLGVDDSLI PYI KDL	996
BsgIRM	VGKEQLQQRI KMLNARI NELVYRLYNLPVEYKEYI KNALE	1034
ThaRM	ERD- LLEREYDKRCQELNQMI YEI YGLN KLEI TLLDDRCL	961
	X- A- - - - -	
	LTAALGEEK	1009
BpmIRM	YEAH	1000
AcuiRM	N	1035
BsgIRM	Q	962
ThaRM		

Figure 10-4